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012304
15541 U.S.PTO

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January 23, 2004

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17497 U.S.PTO
1012304

Attorney Docket No.: 12671-031001

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Presented for filing is a new patent application claiming priority from a provisional patent application of:

FR

BOSTON
DALLAS
DELAWARE
NEW YORK
SAN DIEGO
SILICON VALLEY
TWIN CITIES
WASHINGTON, DC

Applicant: VIATCHESLAV V. KOVTOUN

Title: CONTROLLING ION POPULATIONS IN A MASS ANALYZER
HAVING A PULSED ION SOURCE

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

| | <u>Pages</u> |
|---------------|-------------------------------|
| Specification | 25 |
| Claims | 9 |
| Abstract | 1 |
| Declaration | [To be Filed at a Later Date] |
| Drawing(s) | 4 |

Enclosures:

— Postcard.

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional applications 60/442,368, filed January 24, 2003 and 60/476,473, filed June 5, 2003.

| | |
|--|--------|
| Basic filing fee | \$770 |
| Total claims in excess of 20 times \$18 | \$342 |
| Independent claims in excess of 3 times \$86 | \$0 |
| Fee for multiple dependent claims | \$0 |
| Total filing fee: | \$1112 |

Under 37 CFR §1.53(f), no filing fee is being paid at this time.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV321383825US

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Date of Deposit

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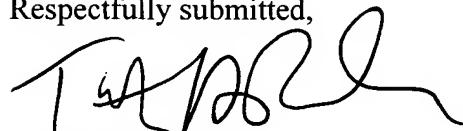
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (650) 839-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26181
PTO Customer Number

Respectfully submitted,



Timothy A. Porter
Reg. No. 41,258
Enclosures
TAP/lxc
50195742.doc